



# Optimize

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## Optimizing Your System

Optimization covers any changes to an existing system, including hardware and software upgrades, that enhance the functionality and performance of your network.

Collecting and analyzing data from your system's performance reports will provide crucial information for optimizing your system. By maintaining the routine system management procedures that you set up for your operations lifecycle, you will know when your traffic load increases, and when to increase your capacity.

You can navigate to any topic on this tab by using the tab navigation pane at the left of the content pane. This navigation pane contains the table of contents (TOC) for the active tab.

### Input to This Process

Your network has been operational for some period of time and is ready to optimize based on system performance criteria. Your daily operations and growing business needs provide continuous feedback for optimization.

### Output of This Process

User feedback, audits, and test results provide data to continue optimizing the system.

### Major Tasks in This Process

- [Performing a System Upgrade](#)

## Performing a System Upgrade

### Before You Begin

See [Planning Your System Upgrade](#) on the Prepare and Plan tab to plan your overall strategy.

### Prepare for System Upgrade

To ensure that you have completed upgrade prerequisites, see [Prepare for the System Upgrade](#).

## Upgrade IPT Software Components

Once you have your upgrade plan and preparations in place, perform your system upgrade following the guidelines and sequence in [Upgrading IPT Software Components](#):

- See [IPT Deployment Models](#) for the general upgrade sequence for the various components in the different deployment models, including IPT Single Site, IPT Multi-site Centralized and SRST, and IPT Multi-site WAN Distributed.
- See [Upgrading IPT Components](#) for system-level upgrade procedures for each major upgrade strategy: single-stage system upgrade, multi-staged system upgrade, and multi-staged migration upgrade.

For [related documentation](#) on compatibility and component upgrades, see these topics

- [Compatibility Documentation](#)
- [Cisco CallManager Installation and Upgrade Documentation](#)
- [Cisco Unity Installation and Upgrade Documentation](#)

## Additional Sites and Services

Steps to Success is a Cisco methodology that outlines the tasks required to complete a successful customer engagement. Registered users can visit the [Steps for Success](#) resource site for Cisco Unified Communications process flows.

Advanced Services is a Cisco service offering that provides engineering expertise and best practices.

- Registered users can visit the Advanced Services resource site for [Cisco Unified IP telephony](#) lifecycle services.
- Nonregistered users can visit the [Advanced Services](#) external site.